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OM protein - protein search, using sw model

Run on: September 27, 2004, 11:28:53 ; Search time 32 Seconds

(without alignments)
11.293 Million cell updates/sec

Title: US-09-772-819-18

Perfect score: 41

Sequence: 1 RVYAHF 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	41	100.0	7	3	US-08-990-664-19
2	41	100.0	7	3	US-09-373-962-18
3	41	100.0	7	3	US-09-245-680-18
4	41	100.0	7	3	US-09-198-806C-18
5	41	100.0	7	3	US-09-352-191-18
6	41	100.0	7	4	US-09-012-400-18
7	41	100.0	7	4	US-09-264-563-18
8	41	100.0	7	4	US-09-307-940B-18
9	41	100.0	7	4	US-09-657-890-18
10	41	100.0	7	4	US-09-266-293A-18
11	41	100.0	7	4	US-09-716-394-18
12	37	90.2	7	3	US-08-990-664-18
13	37	90.2	7	3	US-08-990-664-18
14	37	90.2	7	3	US-08-990-664-18
15	37	90.2	7	3	US-08-990-664-18
16	37	90.2	7	3	US-09-210-249-10
17	37	90.2	7	3	US-09-373-962-13
18	37	90.2	7	3	US-09-373-962-13
19	37	90.2	7	3	US-09-245-680-17
20	37	90.2	7	3	US-09-198-806C-13
21	37	90.2	7	3	US-09-198-806C-17
22	37	90.2	7	3	US-09-352-191-13
23	37	90.2	7	3	US-09-352-191-17
24	37	90.2	7	4	US-09-012-400-13
25	37	90.2	7	4	US-09-012-400-17
26	37	90.2	7	4	US-09-264-563-13
27	37	90.2	7	4	US-09-264-563-17

28	37	90.2	7	4	US-09-698-354-10	Sequence 10, Appl
29	37	90.2	7	4	US-09-307-940B-13	Sequence 13, Appl
30	37	90.2	7	4	US-09-307-940B-17	Sequence 17, Appl
31	37	90.2	7	4	US-09-657-890-13	Sequence 13, Appl
32	37	90.2	7	4	US-09-657-890-17	Sequence 17, Appl
33	37	90.2	7	4	US-09-266-293A-13	Sequence 13, Appl
34	37	90.2	7	4	US-09-266-293A-17	Sequence 17, Appl
35	37	90.2	7	4	US-09-266-293A-10	Sequence 10, Appl
36	37	90.2	7	4	US-09-716-394-13	Sequence 13, Appl
37	37	90.2	7	4	US-09-716-394-17	Sequence 17, Appl
38	37	90.2	8	1	US-08-594-117-3	Sequence 3, Appl
39	37	90.2	8	1	US-08-594-117-4	Sequence 4, Appl
40	37	90.2	8	2	US-08-623-833B-2	Sequence 2, Appl
41	37	90.2	8	3	US-08-990-664-20	Sequence 20, Appl
42	37	90.2	8	3	US-08-990-664-21	Sequence 21, Appl
43	37	90.2	8	3	US-08-990-664-35	Sequence 35, Appl
44	37	90.2	8	3	US-09-210-249-6	Sequence 6, Appl
45	37	90.2	8	3	US-09-373-962-19	Sequence 19, Appl

ALIGNMENTS

RESULT 1

US-08-990-664-19

; Sequence 19, Application US/08990664

; Patent No. 6110895

; GENERAL INFORMATION:

; APPLICANT: Rodgers, Kathleen

; TITLE OF INVENTION: METHOD OF PROMOTING HEALING

; NUMBER OF INVENTION: IN SKIN GRAFTS

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Knobe, Martens, Olson & Bear

; STREET: 620 Newport Center Drive 16th Floor

; CITY: Newport Beach

; STATE: CA

; COUNTRY: U.S.A.

; ZIP: 92660

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; OPERATING SYSTEM: DOS

; SOFTWARE: FASTSQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/990,664

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/028,310

; FILING DATE: 16-DEC-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Altman, Daniel E

; REGISTRATION NUMBER: 34,115

; REFERENCE/DOCKET NUMBER: USC012.001A

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 714-760-0404

; TELEFAX: 714-760-9502

; INDEX:

; INFORMATION FOR SEQ ID NO: 19:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 7 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; US-08-990-664-19

Query Match 100.0%; Score 41; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 36+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 2

US-09-373-962-18
; Sequence 18, Application US/09373962
; Patent No. 6177407
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizezega, Gere
; TITLE OF INVENTION: Methods to Increase Blood Flow to Ischemic Tissue
; FILE REFERENCE: 98364A
; CURRENT APPLICATION NUMBER: US/09/373,962
; CURRENT FILING DATE: 1999-08-13
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-373-962-18

Query Match 100.0%; Score 41; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 3

US-09-245-680-18
; Sequence 18, Application US/09245680B
; Patent No. 6239109
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizezega, Gere
; TITLE OF INVENTION: Method of Promoting Erythropoiesis
; FILE REFERENCE: 98009B
; CURRENT APPLICATION NUMBER: US/09/245,680B
; CURRENT FILING DATE: 1999-02-08
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-245-680-18

Query Match 100.0%; Score 41; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 4

US-09-198-806C-18
; Sequence 18, Application US/09198806C
; Patent No. 6248587
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizezega, Gere
; TITLE OF INVENTION: Method for Promoting Mesenchymal Stem

; TITLE OF INVENTION: and Lineage-Specific Cell Proliferation
; FILE REFERENCE: 97,017-F1
; CURRENT APPLICATION NUMBER: US/09/198,806C
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-198-806C-18

Query Match 100.0%; Score 41; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 5

US-09-352-191-18
; Sequence 18, Application US/09352191
; Patent No. 6258778
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizezega, Gere
; TITLE OF INVENTION: Methods for Accelerating Bone and Connective Tissue
; FILE REFERENCE: 98365B
; CURRENT APPLICATION NUMBER: US/09/352,191
; CURRENT FILING DATE: 1998-07-12
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-352-191-18

Query Match 100.0%; Score 41; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 6

US-09-012-400-18
; Sequence 18, Application US/09012400D
; Patent No. 6335195
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizezega, Gere
; TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell
; FILE REFERENCE: 97,017-G
; CURRENT APPLICATION NUMBER: US/09/012,400D
; CURRENT FILING DATE: 1998-01-23
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO: 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-012-400-18

Query Match 100.0%; Score 41; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 7
US-09-264-563-18

; Sequence 18, Application US/09264563A
; Patent No. 6455500
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizerega, Gere
; TITLE OF INVENTION: Radiation Therapy Methods
; FILE REFERENCE: 97017K1
; CURRENT APPLICATION NUMBER: US/09/264,563A
; CURRENT FILING DATE: 1999-03-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-264-563-18

Query Match 100.0%; Score 41; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 8
US-09-307-940B-18

; Sequence 18, Application US/09307940B
; Patent No. 6475988
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizerega, Gere
; TITLE OF INVENTION: Methods to Increase White Blood Cell Survival After
; FILE REFERENCE: 97017P1
; CURRENT APPLICATION NUMBER: US/09/307,940B
; CURRENT FILING DATE: 1999-05-10
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-307-940B-18

Query Match 100.0%; Score 41; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 9
US-09-657-890-18

; Sequence 18, Application US/09657890
; Patent No. 6482800
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizerega, Gere
; TITLE OF INVENTION: Methods to Stimulate Angiogenesis
; FILE REFERENCE: 98364A1
; CURRENT APPLICATION NUMBER: US/09/657,890
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-657-890-18

Query Match 100.0%; Score 41; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 10
US-09-266-293A-18

; Sequence 18, Application US/09266293A
; Patent No. 6498138
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizerega, Gere
; TITLE OF INVENTION: Method of Promoting Production of Living Tissue
; FILE REFERENCE: 98094B
; CURRENT APPLICATION NUMBER: US/09/266,293A
; CURRENT FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-266-293A-18

Query Match 100.0%; Score 41; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYVAHPF 7
Db 1 RYVAHPF 7

RESULT 11
US-09-716-394-18

; Sequence 18, Application US/09716394
; Patent No. 6566335
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Rodgers, Kathleen
; APPLICANT: dizerega, Gere
; TITLE OF INVENTION: Methods for Mobilizing Hematopoietic Progenitor Cells from Bone
; FILE REFERENCE: 97,017-P8
; CURRENT APPLICATION NUMBER: US/09/716,394

CURRENT FILING DATE: 2000-11-20
PRIOR APPLICATION NUMBER: US 60/084,908
PRIOR FILING DATE: 1998-05-11
PRIOR APPLICATION NUMBER: US 60/092,633
PRIOR FILING DATE: 1998-07-13
PRIOR APPLICATION NUMBER: US 09/307,940
PRIOR FILING DATE: 1999-05-10
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patent version 3.0
SEQ ID NO: 18
LENGTH: 7
TYPE: PR1
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Alaa A111
US-09-716-394-18

Query Match 100.0%; Score 41; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYVHPF 7
Db 1 RYVHPF 7

RESULT 12
US-08-990-664-14
Sequence 14, Application US/08990664
Patent No. 6110895
GENERAL INFORMATION:
APPLICANT: Rodgers, Kathleen
APPLICANT: dizegega, Gere
TITLE OF INVENTION: METHOD OF PROMOTING HEALING
TITLE OF INVENTION: IN SKIN GRAFTS
NUMBER OF SEQUENCES: 46
CURRENT APPLICATION DATA:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990,664
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/028,310
FILING DATE: 16-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: USC012.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
TELEX:
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Other
LOCATION: 4...4

OTHER INFORMATION: Position 4 is not leu

US-08-990-664-14
Query Match 90.2%; Score 37; DB 3; Length 7;
Best Local Similarity 85.7%; Pred. No. 3e+05;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RYVHPF 7
Db 1 RYVHPF 7

RESULT 13
US-08-990-664-18
Sequence 18, Application US/08990664
Patent No. 6110895
GENERAL INFORMATION:
APPLICANT: Rodgers, Kathleen
APPLICANT: dizegega, Gere
TITLE OF INVENTION: METHOD OF PROMOTING HEALING
TITLE OF INVENTION: IN SKIN GRAFTS
NUMBER OF SEQUENCES: 46
CURRENT APPLICATION DATA:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990,664
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/028,310
FILING DATE: 16-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: USC012.001A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
TELEX:
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-990-664-18
Query Match 90.2%; Score 37; DB 3; Length 7;
Best Local Similarity 85.7%; Pred. No. 3e+05;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RYVHPF 7
Db 1 RYVHPF 7

RESULT 14
US-08-990-664-39
Sequence 39, Application US/08990664
Patent No. 6110895
GENERAL INFORMATION:
APPLICANT: Rodgers, Kathleen

APPLICANT: dizelega, Gere
 TITLE OF INVENTION: METHOD OF PROMOTING HEALING
 TITLE OF INVENTION: IN SKIN GRAFTS
 NUMBER OF SEQUENCES: 46
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Knobbe, Martens, Olson & Bear
 STREET: 620 Newport Center Drive 16th Floor
 CITY: Newport Beach
 STATE: CA
 COUNTRY: U.S.A.
 ZIP: 92660
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/990,664
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/028,310
 FILING DATE: 16-DEC-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Altman, Daniel E
 REGISTRATION NUMBER: 34,115
 REFERENCE/DOCKET NUMBER: USC012.001A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 714-760-0404
 TELEFAX: 714-760-9502
 TELEX:
 INFORMATION FOR SEQ ID NO: 39:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 7 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-990-664-39

Query Match 90.2%; Score 37; DB 3; Length 7;
 Best Local Similarity 85.7%; Pred. No. 3e+05;
 Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RYVXHPF 7
 Db 1 RYVXHPF 7

RESULT 15
 US-09-210-249-10
 Sequence 10, Application US/09210249A
 Patent No. 6165978
 GENERAL INFORMATION:
 APPLICANT: dizelega, Gere
 APPLICANT: Rodgers, Kathleen
 TITLE OF INVENTION: WOUND HEALING COMPOSITIONS
 FILE REFERENCE: USC013.001A
 CURRENT APPLICATION NUMBER: US/09/210,249A
 CURRENT FILING DATE: 1998-12-11
 EARLIER APPLICATION NUMBER: 60/069,662
 EARLIER FILING DATE: 1997-12-12
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 10
 LENGTH: 7
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic peptide
 NAME/KEY: VARIANT
 LOCATION: (4)...(4)

OTHER INFORMATION: Xaa(4) is norleu
 US-09-210-249-10
 Query Match 90.2%; Score 37; DB 3; Length 7;
 Best Local Similarity 85.7%; Pred. No. 3e+05;
 Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RYVXHPF 7
 Db 1 RYVXHPF 7

Search completed: September 27, 2004, 11:39:45
 Job time : 33 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 27, 2004, 11:37:05 ; Search time 128 Seconds

(without alignments)

17.585 Million cell updates/sec

Title: US-09-772-819-18

Perfect score: 41

Sequence: 1 RYVAHPF 7

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1349238 seqs, 321558718 residues

Total number of hits satisfying chosen parameters: 1349238

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Published Applications AA:*

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3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*

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9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep:*

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11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep:*

12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*

13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*

14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*

15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*

16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*

18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	41	100.0	7	9	US-09-771-192-18
2	41	100.0	7	9	US-09-837-697A-18
3	41	100.0	7	9	US-09-900-936-18
4	41	100.0	7	10	US-09-772-819-18
5	41	100.0	7	12	US-10-174-443-18
6	41	100.0	7	14	US-10-341-001-18
7	41	100.0	7	15	US-10-360-274-18
8	41	100.0	7	16	US-10-133-517A-18
9	37	90.2	7	9	US-09-771-192-13
10	37	90.2	7	9	US-09-771-192-17
11	37	90.2	7	9	US-09-837-697A-13
12	37	90.2	7	9	US-09-837-697A-17
13	37	90.2	7	9	US-09-900-936-13
14	37	90.2	7	9	US-09-900-936-17
15	37	90.2	7	10	US-09-772-819-13

37	90.2	7	10	US-09-772-819-17	Sequence 17, Appl
37	90.2	7	12	US-10-174-443-13	Sequence 13, Appl
37	90.2	7	12	US-10-174-443-17	Sequence 17, Appl
37	90.2	7	12	US-10-174-443-40	Sequence 40, Appl
37	90.2	7	12	US-10-213-701-10	Sequence 10, Appl
37	90.2	7	14	US-10-341-001-13	Sequence 13, Appl
37	90.2	7	14	US-10-341-001-17	Sequence 17, Appl
37	90.2	7	15	US-10-360-274-13	Sequence 13, Appl
37	90.2	7	15	US-10-360-274-17	Sequence 17, Appl
37	90.2	7	16	US-10-133-517A-13	Sequence 13, Appl
37	90.2	7	16	US-10-133-517A-17	Sequence 17, Appl
37	90.2	8	9	US-09-771-192-19	Sequence 19, Appl
37	90.2	8	9	US-09-771-192-20	Sequence 20, Appl
37	90.2	8	9	US-09-771-192-34	Sequence 34, Appl
37	90.2	8	9	US-09-837-697A-19	Sequence 19, Appl
37	90.2	8	9	US-09-837-697A-20	Sequence 20, Appl
37	90.2	8	9	US-09-837-697A-34	Sequence 34, Appl
37	90.2	8	9	US-09-900-936-19	Sequence 19, Appl
37	90.2	8	9	US-09-900-936-20	Sequence 20, Appl
37	90.2	8	9	US-09-900-936-34	Sequence 34, Appl
37	90.2	8	10	US-09-772-819-19	Sequence 19, Appl
37	90.2	8	10	US-09-772-819-20	Sequence 20, Appl
37	90.2	8	10	US-09-772-819-34	Sequence 34, Appl
37	90.2	8	12	US-10-174-443-19	Sequence 19, Appl
37	90.2	8	12	US-10-174-443-20	Sequence 20, Appl
37	90.2	8	12	US-10-174-443-34	Sequence 34, Appl
37	90.2	8	12	US-10-213-701-6	Sequence 6, Appl
37	90.2	8	12	US-10-213-701-19	Sequence 19, Appl
37	90.2	8	14	US-10-341-001-20	Sequence 20, Appl
37	90.2	8	14	US-10-341-001-20	Sequence 20, Appl
37	90.2	8	14	US-10-341-001-34	Sequence 34, Appl

ALIGNMENTS

RESULT 1

US-09-771-192-18
; Sequence 18, Application US/09771192
; Patent No. US20020049162A1
; GENERAL INFORMATION:
; APPLICANT: diZerega, Kathleen
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Methods for Inhibiting Smooth Muscle Cell Proliferation
; FILE REFERENCE: 99-1043-A
; CURRENT APPLICATION NUMBER: US/09/771,192
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: AII analogue
US-09-771-192-18

Query Match 100.0%; Score 41; DB 9; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.2e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYVAHPF 7

DB 1 RYVAHPF 7

RESULT 2

US-09-837-697A-18
; Sequence 18, Application US/09837697A
; Patent No. US2002046823A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Rogers, Kathleen E.
; APPLICANT: diZerega, Gere

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; TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell Proliferation
; FILE REFERENCE: 97,017-FIA
; CURRENT APPLICATION NUMBER: US/09/837,697A
; CURRENT FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: All analogue
US-09-837-697A-18

Query Match      100.0%; Score 41; DB 9; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.2e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYAHPPF 7
Db 1 RYAHPPF 7

RESULT 3
US-09-900-936-18
; Sequence 18, Application US/09900936
; Patent No. US20020165141A1
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Methods for Promoting Dendritic Cell Proliferation
; FILE REFERENCE: 00-506-A
; CURRENT APPLICATION NUMBER: US/09/900,936
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-900-936-18

Query Match      100.0%; Score 41; DB 9; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.2e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RYAHPPF 7
Db 1 RYAHPPF 7

RESULT 4
US-09-772-819-18
; Sequence 18, Application US/09772819
; Publication No. US2003019943A1
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Methods for Accelerating Bone and Connective Tissue
; FILE REFERENCE: 98365b
; CURRENT APPLICATION NUMBER: US/09/772,819
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-772-819-18
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Query Match      100.0%; Score 41; DB 10; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.2e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 RYAHPPF 7
Db 1 RYAHPPF 7
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RESULT 5
US-10-174-443-18
; Sequence 18, Application US/10174443
; Publication No. US20040033956A1
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Method of Promoting Production of Living Tissue
; FILE REFERENCE: 98094b
; CURRENT APPLICATION NUMBER: US/10/174,443
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-10-174-443-18
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Query Match      100.0%; Score 41; DB 12; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.2e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 RYAHPPF 7
Db 1 RYAHPPF 7
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RESULT 6
US-10-341-001-18
; Sequence 18, Application US/10341001
; Publication No. US20030130196A1
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Radiation Therapy Methods
; FILE REFERENCE: 97017KS
; CURRENT APPLICATION NUMBER: US/10/341,001
; CURRENT FILING DATE: 2003-01-13
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-10-341-001-18
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Query Match      100.0%; Score 41; DB 14; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.2e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 RYAHPPF 7
Db 1 RYAHPPF 7
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RESULT 7
US-10-360-274-18
; Sequence 18, Application US/10360274
; Publication No. US2004006003A1
; GENERAL INFORMATION:
; APPLICANT: (Rodgers, Kathleen
; APPLICANT: (dizerega, Gere
; TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell
; TITLE OF INVENTION: Proliferation and Differentiation
; FILE REFERENCE: 97017G5
; CURRENT APPLICATION NUMBER: US/10/360,274
; CURRENT FILING DATE: 2003-02-07
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-10-360-274-18

Query Match 100.0%; Score 41; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.2e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
DB 1 RVYAHPP 7

RESULT 8
US-10-133-517A-18
; Sequence 18, Application US/10133517A
; Publication No. US20040176302A1
; GENERAL INFORMATION:
; APPLICANT: (Rodgers, Kathleen
; APPLICANT: (dizerega, Gere
; TITLE OF INVENTION: Methods for Inhibiting Tumor Cell Proliferation
; FILE REFERENCE: 01-043-US
; CURRENT APPLICATION NUMBER: US/10/133,517A
; CURRENT FILING DATE: 2002-04-26
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-10-133-517A-18

Query Match 100.0%; Score 41; DB 16; Length 7;
Best Local Similarity 100.0%; Pred. No. 1.2e+06;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
DB 1 RVYAHPP 7

RESULT 9
US-09-771-192-13
; Sequence 13, Application US/09771192
; Patent No. US20020049162A1
; GENERAL INFORMATION:
; APPLICANT: (Rodgers, Kathleen
; APPLICANT: (dizerega, Gere
; TITLE OF INVENTION: Methods for Inhibiting Smooth Muscle Cell Proliferation
; FILE REFERENCE: 99-1043-A
; CURRENT APPLICATION NUMBER: US/09/771,192
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-771-192-13

Query Match 90.2%; Score 37; DB 9; Length 7;
Best Local Similarity 85.7%; Pred. No. 1.2e+06;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
DB 1 RVYXHPF 7

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; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
; NAME/KEY: MOD_RES
; LOCATION: (4)
; OTHER INFORMATION: Nle
US-09-771-192-13

Query Match 90.2%; Score 37; DB 9; Length 7;
Best Local Similarity 85.7%; Pred. No. 1.2e+06;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
DB 1 RVYXHPF 7

RESULT 10
US-09-771-192-17
; Sequence 17, Application US/09771192
; Patent No. US20020049162A1
; GENERAL INFORMATION:
; APPLICANT: (Rodgers, Kathleen
; APPLICANT: (dizerega, Gere
; TITLE OF INVENTION: Methods for Inhibiting Smooth Muscle Cell Proliferation
; FILE REFERENCE: 99-1043-A
; CURRENT APPLICATION NUMBER: US/09/771,192
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:All analogue
US-09-771-192-17

Query Match 90.2%; Score 37; DB 9; Length 7;
Best Local Similarity 85.7%; Pred. No. 1.2e+06;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
DB 1 RVYXHPF 7

RESULT 11
US-09-837-697A-13
; Sequence 13, Application US/09837697A
; Patent No. US20020146823A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: (Rodgers, Kathleen E.
; APPLICANT: (dizerega, Gere
; TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell Prolifer
; TITLE OF INVENTION: Differentiation
; FILE REFERENCE: 97,017-FlA
; CURRENT APPLICATION NUMBER: US/09/837,697A
; CURRENT FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: All analogue
US-09-837-697A-13

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NAME/KEY: MISC FEATURE
LOCATION: (4)..
OTHER INFORMATION: Nle
US-09-837-697A-13

Query Match 90.2%; Score 37; DB 9; Length 7;
Best Local Similarity 85.7%; Pred. No. 1.2e+06;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
Db 1 RVYXHPF 7

RESULT 12
US-09-837-697A-17
; Sequence 17, Application US/09837697A
; Patent No. US20020146823A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Rogers, Kathleen E.
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Method for Promoting Hematopoietic and Mesenchymal Cell Proliferation
; TITLE OF INVENTION: Differentiation
; FILE REFERENCE: 97.017-FIA
; CURRENT APPLICATION NUMBER: US/09/837,697A
; CURRENT FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: AII analogue
US-09-837-697A-17

Query Match 90.2%; Score 37; DB 9; Length 7;
Best Local Similarity 85.7%; Pred. No. 1.2e+06;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
Db 1 RVYXHPF 7

RESULT 13
US-09-900-936-13
; Sequence 13, Application US/09900936
; Patent No. US20020165141A1
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Methods for Promoting Dendritic Cell Proliferation
; TITLE OF INVENTION: or Differentiation
; FILE REFERENCE: 00-506-A
; CURRENT APPLICATION NUMBER: US/09/900,936
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:AII analogue
NAME/KEY: MOD RES
LOCATION: (4)
OTHER INFORMATION: Nle
US-09-900-936-13

Query Match 90.2%; Score 37; DB 9; Length 7;
Best Local Similarity 85.7%; Pred. No. 1.2e+06;

Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 RVYAHPP 7
Db 1 RVYXHPF 7

RESULT 14
US-09-900-936-17
; Sequence 17, Application US/09900936
; Patent No. US20020165141A1
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Methods for Promoting Dendritic Cell Proliferation
; TITLE OF INVENTION: or Differentiation
; FILE REFERENCE: 00-506-A
; CURRENT APPLICATION NUMBER: US/09/900,936
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:AII analogue
US-09-900-936-17

Query Match 90.2%; Score 37; DB 9; Length 7;
Best Local Similarity 85.7%; Pred. No. 1.2e+06;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
Db 1 RVYXHPF 7

RESULT 15
US-09-772-819-13
; Sequence 13, Application US/09772819
; Publication No. US20030199434A1
; GENERAL INFORMATION:
; APPLICANT: Rodgers, Kathleen
; APPLICANT: diZerega, Gere
; TITLE OF INVENTION: Methods for Accelerating Bone and Connective Tissue
; TITLE OF INVENTION: Growth and Repair
; FILE REFERENCE: 98365b
; CURRENT APPLICATION NUMBER: US/09/772,819
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:AII analogue
NAME/KEY: MOD RES
LOCATION: (4)
OTHER INFORMATION: Nle
US-09-772-819-13

Query Match 90.2%; Score 37; DB 10; Length 7;
Best Local Similarity 85.7%; Pred. No. 1.2e+06;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RVYAHPP 7
Db 1 RVYXHPF 7

Mon Sep 27 15:23:56 2004

Search completed: September 27, 2004, 11:50:39
Job time : 129 secs

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